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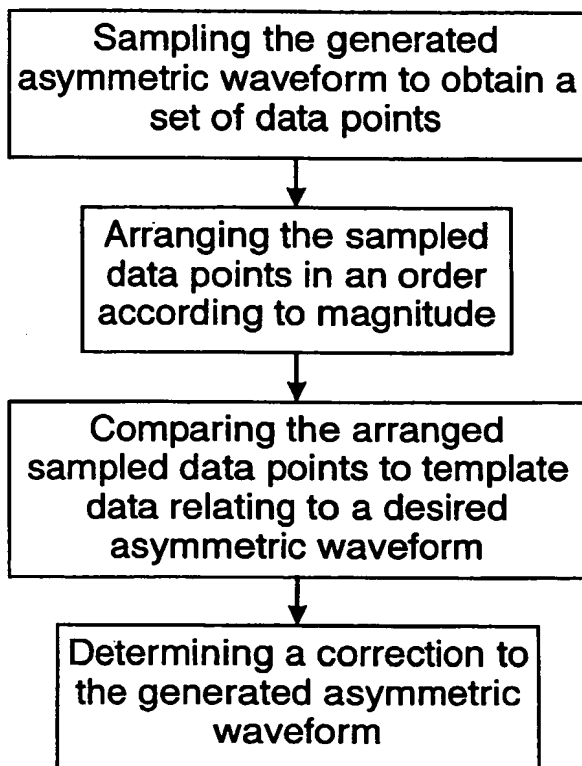
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(54) Title: SORTING METHOD FOR AUTOMATED OPTIMIZATION OF ASYMMETRIC WAVEFORM GENERATOR LC
TUNING ELECTRONICS



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(57) ~~Abstract:~~ Disclosed is a method of controlling an asymmetric waveform generated as a combination of two sinusoidal waves having a frequency that differs by a factor of two. A method according to the instant invention includes a step of sampling a generated asymmetric waveform to obtain a set of data points, the set of data points being indicative of the generated asymmetric waveform. The sampled data points are arranged in an order according to magnitude, and then compared to template data relating to a desired asymmetric waveform. In dependence upon the comparison, a correction to the generated asymmetric waveform is determined.

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